

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 3240-1062:134

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CATEGORY: Duct Detector Housing/Base

LISTEE: Detection Systems, Inc., 130 Perinton Parkway, Fairport, NY 14450
Contact: Frank Mioduszewski *(585) 223-4060 Fax (585) 421-4263

DESIGN: Models DS291, DS292 duct smoke detector housing/units. Unit consists of a thermoplastic enclosure, relay, electrical components, sampling and exhaust tubes and a listed open area detector head.
Models DS291 and DS292 are intended for use with Models DS250DH (CSFM Listing No. 7272-1062:108) or DS260 (CSFM Listing No. 7271-1062:115) detector heads for open area that have been tested for duct applications.

*Model DS293 duct smoke detector housing for applications using multiplex bus communications. System components:

| | |
|-----------|-------------------------------|
| DS294-1.5 | 1.5 ft. (45.7 cm) Sample Tube |
| DS294-3 | 3 ft. (91.4 cm) Sample Tube |
| DS294-5 | 5 ft. (1.52 m) Sample Tube |
| DS294-RT | Remote Test Station |
| DS294-RL | Remote LED Display Station |
| DS294-TF | Tube Filters |
| SMK-TM | Test Magnet |

Model DS293 is intended for use with separately listed detector head Model MX250DH (CSFM Listing 7272-1062:120), and listee's separately listed DS7400 (CSFM Listing 7165-1062:113) and DS9400 (CSFM Listing 7165-1062:116) series fire alarm control units with multiplex bus capabilities.

Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 24 VDC

INSTALLATION: In accordance with listee's printed installation instruction, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model designation, air velocity rating and UL label.

APPROVAL: Listed as duct detector housing units when used with listee's separately listed compatible fire alarm control units. Intended for use in HVAC systems having air velocities between 300 to 4000 ft/min.

*Rev. 10-08-2002



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 22, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**